
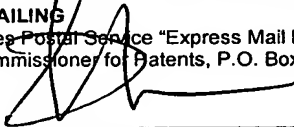


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<p align="center"><b>INFORMATION DISCLOSURE STATEMENT TRANSMITTAL</b></p> <p>To Commissioner For Patents          Enclosed herewith is a Form PTO-1449, any required copies of documents listed thereon, and any concise explanation of their relevance is indicated below per 37 CFR 1.97.</p>	Application Number	10/540384
	Filing Date	
	First Named Inventor	Naoki SUMI
	Group Art Unit	
	Examiner Name	
	Atty. Docket Number	JP02 0029 US
<p><input checked="" type="checkbox"/> Please charge any required fee under §1.17(i) or §1.17(p) or any other required fee (except the issue fee) to Account No. 14-1270.</p> <p>1. <input type="checkbox"/> I certify that these documents were first cited in any communication from a foreign Patent Office in a counterpart foreign application not more than three (3) months ago.</p> <p>2. <input type="checkbox"/> I certify that none of these documents were cited in any communication from a foreign Patent Office in a counterpart foreign application, and, to the knowledge of the undersigned after making reasonable inquiry, none of these documents was known to any individual designated in §1.56(c) more than three (3) months ago.</p> <p><input type="checkbox"/> A fee under §1.17(p) is not required under §1.97(c), after the first Action on the merits and more than (3) months after the date of application or RCE, because I certify 1. or 2. as indicated above.</p> <p><input type="checkbox"/> A copy of the citations is not required because they were previously submitted or cited in the parent application (or in U.S. patent application Ser. No. _____ Filing Date _____ relied on for an earlier effective filing date under 35 U.S.C. 120).</p> <p><input checked="" type="checkbox"/> A copy of the U.S. patent(s) and patent application publication(s) in all U.S. national patent applications filed after June 30, 2003, and in all international applications that have entered the national stage under 35 USC § 371 after June 30, 2003 under 37 CFR 1.491(b), are not required.</p> <p><input type="checkbox"/> A concise explanation of the relevance of each non-English document, as understood by the individual designated in §1.56(c) most knowledgeable about the contents, is enclosed per §1.98(a)(3).</p> <p>The concise explanation of the relevance of any non-English document, as understood by the individual designated in §1.56(c) most knowledgeable about the contents, is that the document is/was:</p> <p><input type="checkbox"/> cited in the specification or considered in drafting the specification of this application;</p> <p><input type="checkbox"/> previously submitted or cited in the parent application (or in a related patent application Serial No. _____ Filing Date: _____);</p> <p><input type="checkbox"/> cited as an "X" or "Y" document in a foreign Patent Office search report in a foreign counterpart application, a copy of which report is also enclosed.</p>		
SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT REQUIRED		
Name	Kevin Simons, Reg. No. 45,110	
Signature		Date: 6/22/05
<p align="center"><b>CERTIFICATE OF EXPRESS MAILING</b></p> <p>I hereby certify that this paper and/or fee is being deposited with the United States Postal Service "Express Mail Post Office to Addressee" service under 37 CFR 1.10 and is addressed to "Mail Stop PCT, Commissioner for Patents, P.O. Box 1450, Arlington, VA 22313," on the date indicated below.</p> <p>(Date) 6/22/05 (Signature)           (Name) Daniel L. Michalek</p>		

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	<b>Group Art Unit</b>	
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	<b>Atty. Docket Number</b>	<b>JP02 0029 US</b>

U.S. PATENT DOCUMENTS					
Examiner Initials*	Cite No. <sup>1</sup>	Document Number No.-Kind Code <sup>2</sup> (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns Lines, Where Relevant Passages or Relevant Figures Appear
		US-			
		US-			
		US-			
		US-			
		US-			
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FOREIGN PATENT DOCUMENTS						
Examiner Initials*	Cite No. <sup>1</sup>	Document Number (ctry <sup>3</sup> -no. <sup>4</sup> -kind <sup>5</sup> , if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of cited document	Pages, Columns Lines, Where Relevant Passages or Relevant Figures Appear	T <sup>6</sup>
		JP 4-199681	07-20-1992	FUJITSU LTD.		
		JP 2001-194677	07-19-2001	SHARP CORP.		

NON-PATENT LITERATURE DOCUMENTS			
Examiner Initials*	Cite No. <sup>1</sup>	Include name of the author (in capital letters), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T <sup>6</sup>

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\* EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

<sup>1</sup> Unique citation designation number. <sup>2</sup> See attached Kinds of U.S. Patent Documents. <sup>3</sup> Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). <sup>4</sup> For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup> Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. <sup>6</sup> Applicant is to place a check mark here if English language Translation is attached.